

# **Evaluating K-12 STEM Education Programs in Indiana: The SERI/I-STEM Partnership**

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## **Abstract**

The Indiana Science Initiative (ISI) is a K-8 systemic science and literacy program managed by the I-STEM Resource Network involving 2,000+ teachers and 53,000+ students in grades K-8 using research-developed curricular modules. The poster will present data and preliminary analysis on three key program evaluation areas. First, initial data will be presented on student performance at ten schools where all teachers at all grade levels implemented the ISI during both the pilot and first year. Secondly, the poster will present the preliminary analysis of data from the Lilly Science Coaches, which is a program that places Lilly staff and scientists with ISI teachers to support science program implementation through regular or semi-regular classroom visits. Finally, results of change in teachers' self-efficacy as measured via the Science Teaching Efficacy Belief Instrument (STEBI) will be reported. The early indications of these data are positive towards the success of the programs. This evaluation represents a partnership between the STEM Education Research Institute at IUPUI (SERI) and the I-STEM Resource Network. A summary of implications for this type of partnership are also presented.